

Chen  
10/812,320

In the Claims

1. (currently amended) A power source comprising:

a) a unit comprising a rectangular housing containing an AC/DC converter, a power adapter, a charging cell, a battery and a sensor switch for delivering DC to an electronic device, said unit having a unit input power line and a unit output power line;

b) said unit input power line comprising a first power cord extending from said housing, said first power cord having a first connector positioned at a distal end thereof for selective connection to an AC external power source;

c) said unit output power line comprising a second power cord extending from said housing, said second power cord having a second connector positioned at a distal end thereof for selective connection to and for delivering DC power to an electronic device; [[and]]

d) said sensor switch having an output position connected to said second power cord for delivering power to said electronic device;

[[d)]] e) said sensor switch having an input position connected to said power adapter for determining if a voltage/current produced by said power adapter is greater than or equal to a pre-determined value; a power adapter connected between said first and second power cord; wherein upon connection to the external power source, said power adapter detects the presence of and receives external power through said first power cord and transfers power to the electronic device through said second cord, said power adapter also retains a charge therein for providing power to the electronic device when no external power source is detected;

f) said sensor switch having means for delivering DC output directly from said power adapter to said electronic device upon said sensor switch determining that the voltage/current produced by said power adapter is greater than or

Chen  
10/812,320

equal to said predetermined value, disconnecting the unit battery from the sensor switch output position and connecting the charging cell to unit battery charging nodes for charging the unit battery when needed;

g) said sensor switch having means for delivering the DC output from the unit battery to said electronic device upon said sensor switch determining that the voltage/current produced by said power adapter is less than said predetermined value and only if a battery is present;

h) said sensor switch having two positions, one for delivering DC power output directly from said power adapter and a second for delivering DC power from said unit battery;

i) a first retracting mechanism connected within said housing connected to a first end of said first power cord for selectively retracting said first power cord when said first power cord is not connected to the external power source;

j) a second retracting mechanism contained within said housing connected to a first of said second power cord for selectively retracting said second power cord when said second power cord is not connected to the electronic device; and

k) said first and second power cords entering said housing from opposite ends of said housing passing through channels to said first and second retracting mechanisms, and the first and second retracting mechanisms located at opposite ends of said housing with said second retracting mechanism being adjacent said first end of said first power cord and said first retracting mechanism being adjacent the first end of said second power cord, and said channels being parallel to each other.

2. (original) The power source as recited in claim 1, wherein said first connector is a plug for receipt within a standard AC power outlet.

3-13. (canceled)